

Attorney's Docket: 2002DE438

Serial No.: 10/535,020

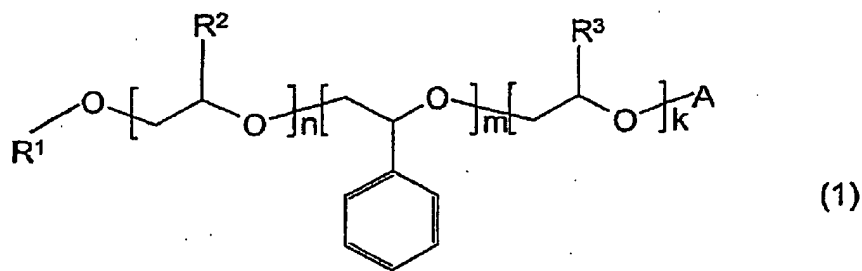
Art Unit 1796

Response to Office Action of February 8, 2008

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please cancel Claims 1-8

9.(Currently Amended) A method for emulsion polymerization, said method comprising adding ~~[[the]]~~ a copolymer of ~~claim 1~~ of the formula (1)



in which

R¹ is hydrogen, a C₁-C₅-alkyl radical, or C₂-C₅-alkenyl radical which may also contain hetero atoms, an acid group or an aliphatic or aromatic group having 1 to 50 carbon atoms, including an acid group.

R² and R³, independently of one another, are hydrogen, methyl and/or ethyl,

n is a number from 0 to 100, and

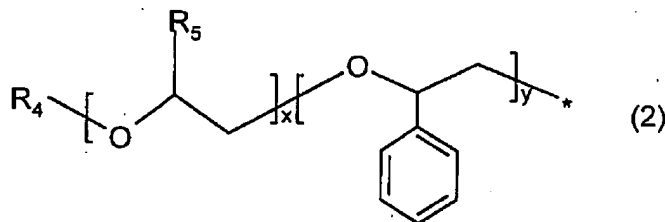
m is a number from 3 to 30, and

k is a number from 1 to 200, and

A is a copolymer unit of the formula (2)

Attorney's Docket: 2002DE438Serial No.: 10/535,020Art Unit 1796

Response to Office Action of February 8, 2008



in which

R⁴ is hydrogen, a C₁-C₅-alkyl radical or C₂-C₅-alkenyl radical which may also contain hetero atoms, an acid group or an aliphatic or aromatic group having 1 to 50 carbon atoms, including an acid group,

R⁵ is hydrogen, methyl and/or ethyl,

x is a number from 0 to 100, and

y is a number from 3 to 30,

where R¹ is hydrogen or an acid group,

via the valence denoted by "**",

to a polymer reaction mixture and polymerizing said mixture.

10.(New) The method of claim 9, wherein the alkoxy groups are arranged block by block.

11.(New) The method of claim 9, wherein k is a number from 10 to 100.

Attorney's Docket: 2002DE438Serial No.: 10/535,020Art Unit 1796Response to Office Action of February 8, 2008

- 12.(New) The method of claim 9, wherein m is a number from 3 to 10.
- 13.(New) The method of claim 9, wherein n is a number from 1 to 5.
- 14.(New) The method of claim 9, wherein formula 1 represents an ester or partial ester.
- 15.(New) The method of claim 9, wherein R¹ or R⁴ is a C₂- to C₅-alkenyl group.
- 16.(New) The method of claim 9, further comprising admixing a pigment or a bitumen with the copolymer prior to said polymerization to emulsify said pigment or bitumen.